

NAYAN MAPARA

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EDUCATION

Honours Bachelor of Computer Science, Specialty in Cloud Computing (Co-Op) <i>Sheridan College</i>	Expected Apr 2027 <i>Oakville, ON</i>
Diploma in Computer Programming, Honours <i>Sheridan College</i>	Graduated Apr 2024 <i>Oakville, ON</i>

EXPERIENCE

Co-Founder & Software Developer <i>Northern Whisper</i>	May 2024 – Present
<ul style="list-style-type: none">Orchestrated the launch of the Northern Whisper newsletter waitlist, achieved 1,200 LinkedIn impressions within 24 hours and converting 28.1% of engagements into subscribers.Designed and maintained a CI/CD pipeline with GitOps and Vercel, reducing deployment time by 40% and automating deployments to enhance DevOps efficiency.Spearheaded project management using Notion and Agile, optimizing workflows, conducting bi-weekly sprints, and delivering updates; boosted team productivity by 40% and reduced project delivery times by 25%	
Full-Stack Developer <i>Freelancer</i>	Mar 2021 – Present
<ul style="list-style-type: none">Orchestrated website and software development, primarily using Python and JavaScript, resulting in a 27% increase in client acquisition.Executed digital marketing initiatives, optimizing code efficiency by 80% through techniques such as parallelization and algorithmic optimization.	
Workshop Lead <i>University of Hyderabad</i>	Mar 2024
<ul style="list-style-type: none">Led a web development workshop for 30+ students, delivering hands-on training in HTML, CSS, and JavaScript fundamentals, achieving a 4.7 out of 5 rating for clear explanations and effective teaching methods.	

PROJECTS

WhisperBackend <i>Python, MongoDB, Docker, Flask, Vercel</i>
<ul style="list-style-type: none">Developed a scalable backend service for web scraping and user subscription management using Python, Flask, and MongoDB, containerized with Docker, managed using GitOps and deployed on Vercel.
SignEase (Winner @ DeerHacks 3) <i>Machine Learning, Python, React, Three.js</i>
<ul style="list-style-type: none">Engineered a sign language learning web app using Flask, React.js, and Three.js; achieved 95.7% hand recognition accuracy with MediaPipe, enhancing accessibility for underrepresented groups.
Drive Sync - Car Rating App <i>Java, JavaFx</i>
<ul style="list-style-type: none">Created a JavaFX-based Car Rating App, enabling users to rate, review, and access detailed information on car models, utilizing file I/O for data storage and dynamic data structures for car management.

AWARDS & CERTIFICATIONS

Awarded Runner-up, DeerHacks 3 Hackathon at University Toronto Mississauga (183 participants)
Earned Gold Badge (5 Stars) in Problem-Solving and (5 Stars) in Python on Hackerrank

TECHNICAL SKILLS

Languages: Python, Java, C, C#, Bash Script, Powershell, JavaScript, HTML, CSS, XML, JSON
Frameworks & Libraries: Flask, Angular, React JS, Spring Boot, ASP.NET, RESTful APIs, Maven
Cloud & DevOps: Amazon Web Services (AWS), Microsoft Azure, Docker, Jenkins, Git, Kubernetes
Other Skills: MySQL, MongoDB, Agile, Scrum, Jira, MVC